

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90049

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
Starch Solution, 4L	W2121

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB102305BL		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.00	0.00	09/13/2017	13:32
2	I5160-12		1	5.04	50	2.00	0.00	1.38	1.38	0.62	0.32	25.40	09/13/2017	13:35
3	I5160-12DUP		1	5.03	50	2.00	1.38	2.78	1.40	0.60	0.30	23.86	09/13/2017	13:38
4	I5160-13		1	5.04	50	2.00	2.78	4.42	1.64	0.36	0.06	4.76	09/13/2017	13:40
5	I5160-14		1	5.05	50	2.00	4.42	5.80	1.38	0.62	0.32	25.35	09/13/2017	13:42
6	I5160-15		1	5.04	50	2.00	0.00	1.42	1.42	0.58	0.28	22.22	09/13/2017	13:45
7	I5160-16		1	5.03	50	2.00	1.42	3.08	1.66	0.34	0.04	3.18	09/13/2017	13:48
8	I5160-17		1	5.04	50	2.00	3.08	4.50	1.42	0.58	0.28	22.22	09/13/2017	13:50
9	I5160-18		1	5.03	50	2.00	4.50	6.02	1.52	0.48	0.18	14.31	09/13/2017	13:52
10	I5160-19		1	5.04	50	2.00	6.02	7.44	1.42	0.58	0.28	22.22	09/13/2017	13:55
11	I5160-20		1	5.03	50	2.00	0.00	1.44	1.44	0.56	0.26	20.68	09/13/2017	13:58
12	I5160-21		1	5.04	50	2.00	1.44	3.06	1.62	0.38	0.08	6.35	09/13/2017	14:02

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume

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Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
Starch Solution, 4L	W2121

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
13	I5160-22		1	5.03	50	2.00	3.06	4.54	1.48	0.52	0.22	17.50	09/13/2017	14:05
14	I5210-03		1	5.04	50	2.00	4.54	6.02	1.48	0.52	0.22	17.46	09/13/2017	14:08
15	I5216-03		1	5.03	50	2.00	6.02	7.42	1.40	0.60	0.30	23.86	09/13/2017	14:10
16	I5216-06		1	5.04	50	2.00	0.00	1.48	1.48	0.52	0.22	17.46	09/13/2017	14:12
17	I5216-09		1	5.03	50	2.00	1.48	2.88	1.40	0.60	0.30	23.86	09/13/2017	14:15
18	I5218-03		1	5.06	50	2.00	2.88	4.22	1.34	0.66	0.36	28.46	09/13/2017	14:18
19	I5222-04		1	5.04	50	2.00	4.22	5.66	1.44	0.56	0.26	20.63	09/13/2017	14:20
20	I5222-08		1	5.08	50	2.00	5.66	6.78	1.12	0.88	0.58	45.67	09/13/2017	14:22

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume